

RECEIVED
CENTRAL FAX CENTER

MAR 13 2006

OFFICIAL***CARDINAL LAW GROUP***1603 Orrington Avenue/Suite 2000
Evanston, Illinois 60201
Telephone 847 - 905 - 7111
Facsimile 847 - 905 - 7113

Date: MARCH 13, 2006

To: EXAMINER MUÑOZ, GUILLERMO
U.S. PATENT AND TRADEMARK OFFICE
Fax #: (571) 273-8300From: FRANK C. NICHOLAS
Phone #: (847) 424-2521

Client/Matter No.: CR00257M (9640/47)

of Pages: 14
(including cover sheet)IF YOU HAVE ANY PROBLEMS RECEIVING THIS MESSAGE, PLEASE CALL 847/905-7111, Ext. 112 AND ASK FOR
JENNIFER CRUZ.THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED. IT MAY CONTAIN
PRIVILEGED, CONFIDENTIAL, ATTORNEY WORK PRODUCT, OR TRADE SECRET INFORMATION WHICH IS EXEMPT FROM
DISCLOSURE UNDER APPLICABLE LAWS. IF YOU ARE NOT THE INTENDED RECIPIENT, OR AN EMPLOYEE OR AGENT
RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY
DISSEMINATION, DISTRIBUTION, OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED
THIS MESSAGE IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE
(AND ALL COPIES) TO US BY MAIL AT THE ABOVE ADDRESS. WE WILL REIMBURSE YOU FOR POSTAGE.

BEST AVAILABLE COPY

TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Attorney Docket No	CR00257M (9640/47)
	Application Number	09/919,050
	Filing Date	JULY 31, 2001
	First Named Inventor	KARTHIK RAMASUBRAMANIAN
	Group Art Unit	2637
	Examiner	MUNOZ, GUILLERMO

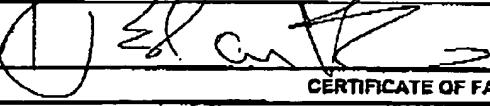
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Response to a Non-Final Office Action Dated December 13, 2005	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> After Final	<input type="checkbox"/> Drawings	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter	<input type="checkbox"/> Patent Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Post Card Receipt
<input type="checkbox"/> Extension of Time Request (duplic)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Declaration	<input type="checkbox"/>
<input type="checkbox"/> Information Disclosure Statement, PTO-1449, art	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/>
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/>
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Request of Refund	<input type="checkbox"/>
	<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 50-1713 (CARDINAL LAW GROUP). A duplicate copy of this sheet is enclosed	
	<input checked="" type="checkbox"/> I hereby petition under 37 CFR § 1.138(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 50-1713 (CARDINAL LAW GROUP). A duplicate copy of this sheet is enclosed.	

CALCULATION OF FEE

	Claims After Amendment		Highest No Previously Paid For	Present Extra	Small Entity		Large Entity	
					Rate	Add'l Fee	Rate	Add'l Fee
Total		Minus			x \$25=	0	x \$50=	
Indep.		Minus			x \$100=	0	x \$200=	
First Presentation of Multiple Dep. Claim					x \$180=	—	x \$360=	
					total add'l fee	\$ 0	total add'l fee	\$ 0

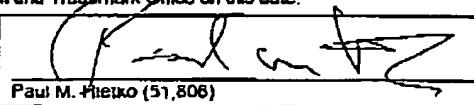
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	PAUL M. HLETKO Registration No. 51,808 Cardinal Law Group 1603 Olderton Avenue, Suite 2000 Evanston, IL 60201		
-------------------------	---	--	--

Signature		
	Date:	MARCH 13, 2006

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to (571) 273-8300 to the U.S. Patent and Trademark Office on this date:	
Date: MARCH 13, 2006	

Signature	
Date: MARCH 13, 2006	
Paul M. Hlecko (51,808)	

BEST AVAILABLE COPY

TRANSMITTAL FORM <small>(To be used for all correspondence after Invent. Filing)</small>		Attorney Docket No. CR00257M (964047)
		Application Number 09/919,050
		Filing Date JULY 31, 2001
		First Named Inventor KARTHIK RAMASUBRAMANIAN
		Group Art Unit 2637
		Examiner MUNOZ, GUILLERMO

**RECEIVED
CENTRAL FAX CENTER****MAR 13 2006**

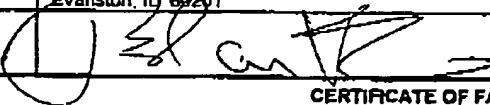
ENCLOSURES (check all that apply)			
<input checked="" type="checkbox"/> Response to a Non-Final Office Action Dated December 13, 2005 <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Status Letter <input type="checkbox"/> Extension of Time Request (duplic) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement, PTO-1449, art <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawings <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Declaration <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request of Refund	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Post Card Receipt <input type="checkbox"/> Additional Enclosure(s) (please identify below):	
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 50-1713 (CARDINAL LAW GROUP). A duplicate copy of this sheet is enclosed.			
<input checked="" type="checkbox"/> I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 50-1713 (CARDINAL LAW GROUP). A duplicate copy of this sheet is enclosed.			

CALCULATION OF FEE

	Claims After Amendment		Highest No. Previously Paid For	Present Extra	Small Entity		Large Entity	
					Rate	Add'l Fee	Rate	Add'l Fee
Total		Minus			± \$25±	0	± \$50±	
Indep.		Minus			± \$100±	0	± \$200±	
First Presentation of Multiple Dep. Claim					± \$180±	—	± \$360±	
					total add'l fee	\$ 0	total add'l fee	\$ 0

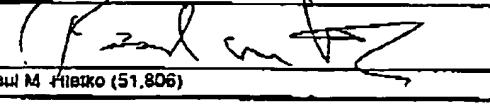
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	PAUL M. HLETKO Registration No 51,806 Cardinal Law Group 1603 Orrington Avenue, Suite 2000 Evanston, IL 60201		
-------------------------	---	--	--

Signature			
	Date: <u>MARCH 13, 2006</u>		

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to (571) 273-8300 to the U.S. Patent and Trademark Office on this date:		
Date: <u>MARCH 13, 2006</u>		

Signature		Date: <u>MARCH 13, 2006</u>
	Paul M. Hletko (51,806)	

BEST AVAILABLE COPY

RECEIVED
CENTRAL FAX CENTER

Certificate of Facsimile
I hereby certify that this correspondence is being
transmitted by facsimile to (571) 273-8300 to the U.S.
Patent and Trademark Office March 13, 2006
(Date of Deposit)

Paul M. Hlasko (51806)
Name of applicant, assignee or registered representative

Signature
March 13, 2006
Date of Signature

MAR 13 2006

PATENT
Case No. CR00257M
(9640/047)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)
KARTHIK RAMASUBRAMANIAN)
Serial No.: 09/919,050)
Filed: JULY 31, 2001)
For: METHOD AND SYSTEM FOR)
TIMING RECOVERY AND DELAY)
SPREAD ESTIMATION IN)
A COMMUNICATION SYSTEM)
Examiner: MUÑOZ, GUILLERMO
Group Art Unit: 2637

RESPONSE TO A NON-FINAL OFFICE ACTION DATED DECEMBER 13, 2005

Mail Stop Non Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to a Non-Final Office Action dated December 13, 2005, please amend the above referenced application as follows and reconsider the application in light of the following remarks.

BEST AVAILABLE COPY